

WHAT IS CLAIMED IS:

1. A method for complete message delivery to a multi-mode communication device, comprising:
 - receiving a message notification through a first communication channel, the message notification corresponding to a complete message;
 - connecting to a message server through a second communication channel;
 - and
 - downloading the complete message through the second communication channel.
2. The method of claim 1, wherein the message notification is a mobile terminated SMS message.
3. The method of claim 2, wherein the SMS message is encrypted.
4. The method of claim 1, wherein the connecting step comprises establishing a secure VPN connection.
5. The message of claim 1, further comprising parsing the message notification to determine a set of parameters pertaining to the complete message.
6. The method of claim 5, wherein the set of parameters comprises a sender and a subject.
7. The method of claim 6, wherein the set of parameters further comprises a priority.
8. The method of claim 5, wherein the set of parameters comprises a unique message identifier.
9. The method of claim 5, further comprising comparing the set of parameters to an established criteria for retrieving complete messages.

10. A method for complete message delivery to a multi-mode communication device, comprising:
 - receiving a complete message addressed to a communication device;
 - constructing a message notification corresponding to the complete message;
 - sending the message notification to the communication device through a first communication channel;
 - receiving a download request from the communication device; and
 - sending the complete message to the communication device through a second communication channel.
11. The method of claim 10, wherein the message notification is a mobile terminated SMS message.
12. The method of claim 10, wherein the SMS message is encrypted.
13. The method of claim 10, wherein the message notification comprises a set of parameters.
14. The method of claim 13, wherein the set of parameters comprises a sender and a subject.
15. The method of claim 13, wherein the set of parameters comprises a priority.
16. The method of claim 13, wherein the set of parameters comprises a unique message identifier.

17. A system for complete message delivery to a multi-mode communication device, comprising:
- a first communication network and a second communication network;
 - a communication device adaptable to communicate over the first communication network and the second communication network;
 - a message control module configured to receive a complete message addressed to the communication device, notify the communication device of the message, and provide the complete message to the communication device upon request.
18. The system of claim 17, further comprising a database adaptable to store a registration status pertaining to the communication device, wherein the communication device reports the registration status to the message control module and the message control module updates the database.
19. The system of claim 17, wherein the message control module notifies the communication device of the complete message via the first communication network.
20. The system of claim 17, wherein the message control module notifies the communication device of the complete message via the second communication network.
21. The system of claim 17, wherein the complete message is provided to the communication device via the first communication network.
22. The system of claim 17, wherein the complete message is provided to the communication device via the second communication network.

23. The system of claim 17, further comprising a message filter configured to screen the complete message prior to notifying the communication device of the complete message.
24. A method for registering a communication device, comprising:
 - receiving a registration message from a communication device, the registration message having a device identifier and a device status;
 - parsing the registration message to determine the device identifier and the device status;
 - querying a database to retrieve a database record corresponding to the communication device, the database record having a device status; and
 - updating the device status in the database record.
25. The method of claim 24, wherein the registration message is received as an SMS message.
26. The method of claim 24, wherein the registration message is received as a TCP/IP message.
27. A method for a communication device to register with a location server upon a trigger event, the method comprising:
 - identifying a trigger event, the trigger event comprising a power on and an intersystem handoff;
 - acquiring a network connection; and
 - sending a registration message to a location server, the registration message comprising a device identifier and a device status.
28. The method of claim 27, wherein the network connection is a WAN connection.
29. The method of claim 28, wherein the registration message is an SMS message.
30. The method of claim 27, wherein the network connection is a LAN connection.

Patent
267/108

[illegible]